

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (cancelled).

2 (new). A machine tool apparatus provided with coolant supply passages which supplies a coolant to tools or tool mounts for mounting the tools, the apparatus comprising:
an oil coated water droplet generator/mixer being connected to the beginning end of the coolant supply passages, the oil coated water droplet generator/mixer comprising an oil atomizing chamber for atomizing oil introduced from the outside by an air stream, water droplet generation chambers for generating oil coated water droplets having oil films on the surfaces of the water droplets generated by dropping water introduced from the outside utilizing the air stream containing the atomized oil generated in the oil atomizing chamber, and a top nozzle for discharging the oil coated water droplets generated in the water droplet generation chambers wherein a spray port having a smaller inner diameter than the inner diameter of the coolant supply passages is connected to a termination end of each of said coolant supply passages and

wherein each of the tools have formed therein at least a part of a coolant supply passage including the termination end thereof and a spray port.

3 (new). A machine tool apparatus provided with coolant supply passages which supplies a coolant to tools or tool mounts for mounting the tools, the apparatus comprising:

an oil coated water droplet generator/mixer being connected to the beginning end of the coolant supply passages, the oil coated water droplet generator/mixer comprising an oil atomizing chamber for atomizing oil introduced from the outside by an air stream, water droplet generation chambers for generating oil coated water droplets having oil films on the surfaces of the water droplets generated by dropping water introduced from the outside utilizing the air stream containing the atomized oil generated in the oil atomizing chamber, and a top nozzle for discharging the oil coated water droplets generated in the water droplet generation chambers

wherein a spray port having a smaller inner diameter than the inner diameter of the coolant supply passages is connected to a termination end of said coolant supply passages and

wherein each of the tools has a work tip and a coolant supply passage therein which communicates with

bifurcated spray ports so that the coolant can be discharged toward both the front and the back of the work tip.

4 (new) The machine tool apparatus according to claim 2, wherein the bifurcated spray ports are pumped in each of the tools.